

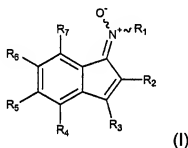
NOTE TO THE PRINTER: This is a modified version of the claim set filed 01/21/2010. The following claim set properly indicates the status of USSN: 10/599,211 each claim and removes marked claim text that was left in from the amendment filed 10/16/2009.

IN THE CLAIMS

The following is an listing of the claims in the application with claims 5 and 12 shown as currently amended.


LISTING OF CLAIMS



1. (previously presented) A compound of formula (I) or a pharmaceutically acceptable salt thereof:








wherein,

R_1 is C_{1-6} alkyl, C_{1-6} alkenyl, or C_{3-6} cycloalkyl, each of which is unsubstituted or substituted with one or more phenyl groups;

R_2 is H, CN, CO_2R^a , $CH_2CO_2R^a$, $CONR^bR^c$, , or phenyl;

R_3 is C_{1-6} alkyl, C_{3-6} cycloalkyl, naphthyl, phenyl, , ,

, , , or , phenyl and  being each unsubstituted or substituted with one or more substituents selected from the group consisting

of halogen, CN, NH₂, NO₂, OR^a, phenyloxy, C₁₋₆ alkyl, and C₃₋₆ cycloalkyl; and

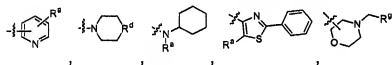
R₄, R₅, R₆, and R₇ are each independently H, OH, OSO₂CH₃, O(CH₂)_mR^e, CH₂R^f, OCOCH₂OR^g, OCH₂CH₂OR^g, OCH₂CH=CHR^g, or R₅ and R₆ together form OCH₂O;

in which R^a is H, C₁₋₆ alkyl, or C₃₋₆ cycloalkyl, C₁₋₆ alkyl and C₃₋₆ cycloalkyl being each unsubstituted or substituted with one or more halogens;

R^b and R^c are each independently H, C₁₋₆ alkyl, or C₃₋₆ cycloalkyl;

R^d is O, S, or NR^a;

R^e is H, halogen, C₃₋₆ cycloalkyl, naphthyl,



or phenyl, phenyl being







unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, OR^a, CF₃, and COOR^a;

R^f is OCH₂CH₂R^g or ;






R^g is phenyl, which is unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, and OR^a; and


m is an integer in the range of 1 to 5.

2. (previously presented) The compound of claim 1, wherein R₁ is C₁₋₆ alkyl, which is unsubstituted or substituted with a phenyl group; R₂ is H, CN, CO₂R^a, CH₂CO₂R^a, CONR^bR^c, or phenyl; R₃ is C₁₋₆ alkyl, C₃₋₆ cycloalkyl,







phenyl, , , , , , or , phenyl being

unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, C₁₋₆ alkyl, and C₃₋₆ cycloalkyl; R₄ and R₇ are H; R₅ and R₆ are each independently OH, OSO₂CH₃, O(CH₂)_mR^e, CH₂R^f, OCOCH₂OR^g, OCH₂CH₂OR^g, or OCH₂CH=CHR^g, or together form OCH₂O; R^a is H; or C₁₋₆ alkyl; R^d is O or NCH₃; R^e is H, halogen, C₃₋₆ cycloalkyl, naphthyl,

, , , , , or phenyl, phenyl being

unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, OH, methoxy, CF₃, and COOR^a; R^f is OCH₂CH₂R^g or ; and R^g is phenyl.

3. (previously presented) The compound of claim 2, wherein R₁ is CH₃; R₂ is H, CN, CO₂R^a, or CONR^bR^c; R₃ is C₁₋₆ alkyl, phenyl,

, , , , , or , phenyl being unsubstituted or

substituted with one or more halogens or C₁₋₆ alkyl groups; and R₅ and R₆ are each independently O(CH₂)_mR^e or CH₂R^f, or together form OCH₂O.

4. (previously presented) A compound selected from the group

consisting of:

- 1) 6-methoxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 2) 1-(*trans*-isopropylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 3) 1-(*trans*-benzylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 4) 1-(*trans*-ethylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 5) 6-methoxy-1-(*trans*-phenylpropylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 6) 6-methoxy-1-(*trans*-(2-methylbutenylimino)-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 7) 1-(*trans*-isobutylimino-*N*-oxy)-6-methoxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 8) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 9) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 10) 1-(*trans*-methylimino-*N*-oxy)-6-phenetyloxy-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 11) 3-furan-3-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 12) 6-hydroxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 13) 1-(*cis*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 14) 3-(*trans*-methylimino-*N*-oxy)-1-phenyl-3H-indene-5-ol
- 15) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(5-phenylpentylloxy)-1H-indene-2-carboxylate ethyl ester
- 16) 1-(*cis*-methylimino-*N*-oxy)-3-phenyl-6-(5-phenylpentylloxy)-1H-indene-2-carboxylate ethyl ester
- 17) 6-[2-(4-chlorophenoxy)acetoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 18) 6-[2-(4-chlorophenoxy)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 19) 1-(*trans*-methylimino-*N*-oxy)-6-(naphthalene-2-ylmethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 20) methyl-[3-phenyl-6-(3-phenylpropoxy)indene-1-ylidene]amine-*N*-oxide
- 21) 1-(*trans*-methylimino-*N*-oxy)-6-[2-(5-methyl-2-phenylthiazol-4-yl)ethoxy]-3-phenyl-1H-indene-2-carboxylate ethyl ester

- 22) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 23) 6-[2-(4-hydroxyphenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 24) 6-(2-adaman-1-ylethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 25) 6-(2-cyclohexylethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 26) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropenoxy)-1H-indene-2-carboxylate ethyl ester
- 27) 6-[2-(2-fluorophenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 28) 6-[2-(3-fluorophenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 29) 6-[2-(4-fluorophenyl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 30) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-[2-(3-trifluoromethylphenyl)ethoxy]-1H-indene-2-carboxylate ethyl ester
- 31) 6-(4-methoxycarbonylbenzyloxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 32) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl amide
- 33) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 34) 6-[2-(cyclohexylmethylamino)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 35) 3-(2-fluorophenyl)-6-methoxy-1-(*trans*-methylimino-*N*-oxy)-1H-indene-2-carboxylate ethyl ester
- 36) 1-(*trans*-methylimino-*N*-oxy)-6-[2-(4-methylpiperazine-1-yl)ethoxy]-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 37) (2,3-diphenyl indene-1-yl lidene)methylamine-*N*-oxide
- 38) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate isopropyl amide
- 39) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate cyclohexyl amide
- 40) [1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-yl]morpholine-4-yl-methanone
- 41) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-yl-ethoxy)-3-phenyl-1H-indene-2-carboxylate cyclohexyl amide
- 42) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-5-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 43) 1-(*trans*-methylimino-*N*-oxy)-6-phenethyloxymethyl-3-phenyl-1H-indene-2-

carboxylate ethyl ester

44) (6-methoxy-3-phenylindene-1-ylidene)methylamine-*N*-oxide

45) 1-(*cis*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester

46) 6-(2-bromoethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester

47) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate *tert*-buthyl ester

48) 1-(*trans*-methylimino-*N*-oxy)-5,6-methylenedioxy-1-oxo-3-phenyl-1H-indene-2-carboxylate ethyl ester

49) 4-[2-isopropylcarbamoyl-3-(*trans*-methylimino-*N*-oxy)-1-phenyl-3H-indene-5-yl-oxy]methyl]benzoate methyl ester

50) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide

51) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate cyclopropyl amide

52) 3-(3-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide

53) (6-methoxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-yl)acetate ethyl ester

54) (6-methoxy-1-(*cis*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-yl)acetate ethyl ester

55) 5-[2-(5-ethylpyridine-2-yl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide

56) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-*p*-tolyl-1H-indene-2-carboxylate ethyl ester

57) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-thiophene-2-yl-1H-indene-2-carboxylate ethyl ester

58) 3-(4-chlorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester

59) 3-(5-chlorothiophene-2-yl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester

60) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-*m*-tolyl-1H-indene-2-carboxylate ethyl ester

61) 1-(*trans*-methylimino-*N*-oxy)-3-(4-phenoxyphenyl)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester

62) 3-benzo-[1,3]-dioxol-5-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester

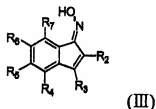
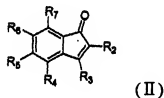
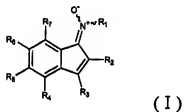
63) methyl-[6-(3-phenylpropoxy)-3-pyridine-2-yl-indene-1-ylidene]-amine-*N*-oxide

64) 3-furan-2-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester

- 65) 3-ethyl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 66) 3-methyl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 67) 1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-3-thiophene-3-yl-1H-indene-2-carboxylate ethyl ester
- 68) 3-cyclopropyl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 69) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-thiophene-3-yl-1H-indene-2-carboxylate ethyl ester
- 70) 3-benzo-[b]-thiophene-3-yl-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 71) 3-(1H-imidazole-4-yl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 72) 3-(1-ethyl propyl)-1-(*trans*-methylimino-*N*-oxy)-6-(3-phenylpropoxy)-1H-indene-2-carboxylate ethyl ester
- 73) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carboxylate amide
- 74) 6-(4-benzylmorpholine-2-ylmethoxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
- 75) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(3-phenylpropoxy)-1H-indene-2-carbonitrile
- 76) 1-(*trans*-methylimino-*N*-oxy)-5,6-methylenedioxy-1-oxo-3-phenyl-1H-phenyl-2-carboxylate isopropyl amide
- 77) 1-(*trans*-methylimino-*N*-oxy)-6-morpholine-4-ylmethyl-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 78) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate ethyl ester
- 79) 6-[2-(5-ethylpyridine-2-yl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 80) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 81) 6-[2-(5-ethylpyridine-2-yl)ethoxy]-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
- 82) methyl-[6-(2-morpholine-4-ylethoxy)-3-phenylindene-1-ylidene]amine-*N*-oxide
- 83) 5,6-bis-methanesulfonyloxy-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 84) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isobutyl ester
- 85) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate methyl ester

- 86) 1-(*cis*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate methyl ester
- 87) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate propyl ester
- 88) 3-(4-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate ethyl ester
- 89) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(pyridine-2-ylmethoxy)-1H-indene-2-carboxylate ethyl ester
- 90) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(pyridine-2-yloxy)-1H-indene-2-carboxylate ethyl ester
- 91) 6-(3-methoxybenzyloxy)-1-(*trans*-methylimino-*N*-oxy)-3-phenyl-1H-indene-2-carboxylate ethyl ester
- 92) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-thiophene-3-yl-1H-indene-2-carboxylate isopropyl amide
- 93) 3-(1-ethylpropyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate ethyl ester
- 94) 3-benzo-[b]-thiophene-3-yl-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 95) 3-(4-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 96) 3-(1-ethylpropyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 97) 1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-(2,4,6-trimethylphenyl)-1H-indene-2-carboxylate ethyl ester
- 98) 3-(2,6-dimethylphenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-1H-indene-2-carboxylate ethyl ester
- 99) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-5-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 100) 1-(*trans*-methylimino-*N*-oxy)-5-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isopropyl amide
- 101) 1-(*cis*-methylimino-*N*-oxy)-6-(2-morpholine-4-ylethoxy)-3-phenyl-1H-indene-2-carboxylate isopropyl ester
- 102) 3-(3-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl amide
- 103) 6-[2-(5-ethylpyridine-2-yl)ethoxy]-3-(3-fluorophenyl)-1-(*trans*-methylimino-*N*-oxy)-1H-indene-2-carboxylate isopropyl amide
- 104) 3-(4-cyanophenyl)-6-(2-morpholine-4-ylethoxy)-1-(*trans*-methylimino-*N*-oxy)-1H-indene-2-carboxylate ethyl ester, and
- 105) 1-(*trans*-methylimino-*N*-oxy)-3-phenyl-6-(2-pyridine-2-ylethoxy)-1H-indene-2-carboxylate isopropyl ester.


5. (currently amended) A process for preparing ~~the indene derivative of~~
~~claim 4~~ the compound of formula (I) which comprises the step of subjecting an
 indenone compound of formula (II) to a condensation reaction with R_1NHOH
 to obtain a compound of formula (I); or comprises the steps of subjecting an
 indenone compound of formula (II) to a condensation reaction with NH_2OH to
 obtain a compound of formula (III), and conducting a reaction of the
 compound of formula (III) with R_1X to obtain a compound of formula (I):



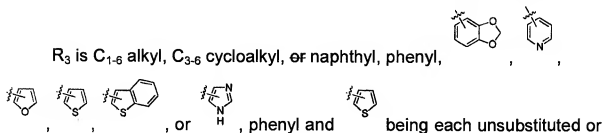
wherein,

X is halogen;

R_1 is C_{1-6} alkyl, C_{1-6} alkenyl, or C_{3-6} cycloalkyl, each of which is
 unsubstituted or substituted with one or more phenyl groups;

R_2 is H, CN, CO_2R^a , $\text{CH}_2\text{CO}_2\text{R}^a$, CONR^bR^c , , or phenyl;

R_3 is C_{1-6} alkyl, C_{3-6} cycloalkyl, ~~or~~ naphthyl, phenyl,



substituted with one or more substituents selected from the group consisting of halogen, CN, NH_2 , NO_2 , OR^a , phenyloxy, C_{1-6} alkyl, and C_{3-6} cycloalkyl; and

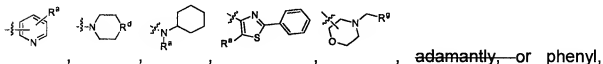
R_4 , R_5 , R_6 , and R_7 are each independently H, OH, OSO_2CH_3 , $\text{O}(\text{CH}_2)_m\text{R}^e$, CH_2R^f , $\text{OCOCH}_2\text{OR}^g$, $\text{OCH}_2\text{CH}_2\text{OR}^g$, $\text{OCH}_2\text{CH}=\text{CHR}^g$, ~~or~~ ~~pyridine-2-yloxy~~, or R_5 and R_6 together form OCH_2O ;

in which R^a is H, C_{1-6} alkyl, or C_{3-6} cycloalkyl, C_{1-6} alkyl and C_{3-6} cycloalkyl being each unsubstituted or substituted with one or more halogens;

R^b and R^c are each independently H, C_{1-6} alkyl, or C_{3-6} cycloalkyl;


R^d is O, S, or NR^a ;

R^e is H, halogen, C_{3-6} cycloalkyl, naphthyl,



phenyl being unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH_2 , NO_2 , OR^a , CF_3 , and

COOR^a;

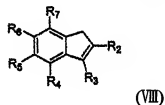
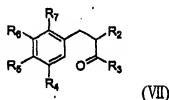
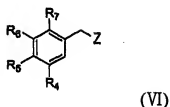
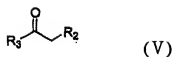
R^f is OCH₂CH₂R^g or ;

R^g is phenyl, which is unsubstituted or substituted with one or more substituents selected from the group consisting of halogen, CN, NH₂, NO₂, and OR^a; and

m is an integer in the range of 1 to 5.

6. (previously presented) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

- 1) reacting compounds of formula (V) and (VI) to obtain a compound of formula (VII);
- 2) subjecting the compound of formula (VII) to cyclization to obtain a compound of formula (VIII); and
- 3) subjecting the compound of formula (VIII) to oxidation,

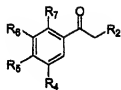


wherein,

R_2 to R_7 have the same meanings as defined in claim 5, and Z is halogen or activated leaving group.

7. (previously presented) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

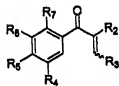
- 1) reacting compounds of formula (IX) and (X) to obtain a compound of formula (XI);
- 2) subjecting the compound of formula (XI) to cyclization to obtain a compound of formula (XII); and
- 3) subjecting the compound of formula (XII) to oxidation,



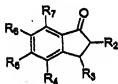
(IX)



(X)



(XI)



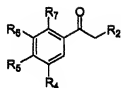
(XII)

wherein,

R₂ to R₇ have the same meanings as defined in claim 5.

8. (previously presented) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

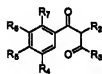
- 1) reacting compounds of formula (IX) and (XII) to obtain a compound of formula (XIV); and
- 2) subjecting the compound of formula (XIV) to cyclization,



(IX)



(XIII)



(XIV)

wherein,

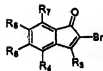
R_2 to R_7 have the same meanings as defined in claim 5.

9. (previously presented) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

- 1) subjecting a compound of formula (XV) to bromination obtain a compound of formula (XVI); and
- 2) subjecting the compound of formula (XVI) to a carbon-carbon coupling reaction in the presence of a metal catalyst, or to a substitution reaction using a nucleophile,



(XV)



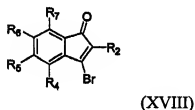
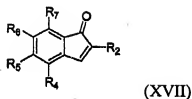
(XVI)

wherein,

R₃ to R₇ have the same meanings as defined in claim 5.

10. (previously presented) The process of claim 5, wherein the indenone compound of formula (II) is prepared by a process comprising the steps of:

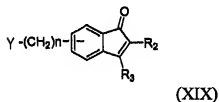
- 1) subjecting a compound of formula (XVII) to bromination to obtain a compound of formula (XVIII); and
- 2) subjecting the compound of formula (XVIII) to a carbon-carbon coupling reaction in the presence of a metal catalyst, or to a substitution reaction using a nucleophile,



wherein,

R₂ and R₄ to R₇ have the same meanings as defined in claim 5.

11. (previously presented) The process of claim 5, wherein the indenone compound of formula (II) is prepared by subjecting a compound of formula (XIX) to an acylation reaction, a halogenation reaction followed by a substitution reaction by a nucleophile, or a carbon-carbon coupling reaction in the presence of a metal catalyst,



wherein,

R₂ and R₃ have the same meanings as defined in claim 5, Y is hydroxy, thiol, amino C₁₋₆ alkyl or halogen, and n is an integer in the range of 0 to 5.

12. (currently amended) A pharmaceutical composition for ~~modulating~~
activating the activities of peroxisome proliferator activated receptor gamma
sub type comprising the compound or salt defined in claim 1 as an active
ingredient together with a pharmaceutically acceptable carrier.

13. (Canceled).